

CLAIMS

1. (Currently Amended) A hair cutting head, for use in a hair cutting apparatus comprising:
an elongated heated wire suitable for heating hair growing from a skin surface; and
at least one blade, placed at one side of the elongated heated wire, the at least one blade being situated and configured to cut the hair which has been heated by the elongated heated wire;
and
a motion detector adapted to detect motion of the hair cutting head on the skin surface,
wherein the elongated heated wire is heated to a temperature of at least 50°C, and
wherein burning of the skin surface is prevented due to one or more of ~~low mass of the wire, pulsed heating of the wire,~~ heating the elongated heated wire only when motion is detected by said motion detector and removal of the elongated heated wire from skin contact when motion is not detected by said motion detector, and
~~wherein the wire is positioned such that it may touch the skin during operation.~~
2. (Original) A hair cutting head according to claim 1, comprising a row of skin depressing elements on at least one side of the elongated heated wire.
3. (Previously Presented) A hair cutting head according to claim 1, comprising a row of skin depressing elements on both sides of the elongated heated wire.
4. (Currently Amended) A hair cutting head according to claim 1, wherein said elongated heated wire has a diameter between 10 to 1000 micrometers.
5. (Currently Amended) A hair cutting device comprising:
a hair cutting head according to claim 1, wherein said elongated heated wire is heated when said cutting head comes in contact with a skin surface.
6. (Currently Amended) A hair cutting device according to claim 5, wherein said elongated heated wire is heated to a temperature higher than 100°C.
7. (Currently Amended) A hair cutting device according to claim 6, wherein said elongated heated wire is heated to a temperature higher than 150°C.

8. (Currently Amended) A hair cutting device according to claim 6, wherein said elongated heated wire is heated to a temperature higher than 250°C.

9. (Currently Amended) A hair cutting device according to claim 6, wherein said elongated heated wire is heated to a temperature higher than 350°C.

10. (Currently Amended) A hair cutting device according to claim 6, wherein said elongated heated wire is heated to a temperature higher than 500°C.

11. (Currently Amended) A hair cutting device according to claim 6, wherein said elongated heated wire is heated to a temperature higher than 700°C.

12. (Currently Amended) A hair cutting device according to claim 5, wherein said elongated heated wire is heated to a temperature high enough so that it cuts at least some of the hair before the hair comes into contact with said blade, when the elongated heated wire and blade are drawn across the skin.

13. (Currently Amended) A method of cutting hair growing from the skin, comprising:

heating a portion of a hair attached to the skin of a person to a temperature above 50°C by contacting the portion with an elongate wire heated above 50°C; and

cutting the hair at the heated portion with a blade; and

detecting motion of the elongate wire with respect to the skin surface,

wherein burning of the skin surface is prevented due to one or more of ~~low mass of the wire, pulsed heating of the wire, heating the elongate wire only when motion is detected and removal of the elongate wire from skin contact when motion is not detected, and~~

~~wherein the wire is positioned such that it may touch the skin during operation.~~

14.-15. (Cancelled).

16. (Currently Amended) A method according to claim 13 wherein heating a portion of a hair comprises heating by contacting the portion with an the elongate wire is heated to a temperature higher than 100°C.

17. (Currently Amended) A method according to claim 13 wherein heating a portion of a hair comprises heating by contacting the portion with an the elongate wire is heated to a temperature higher than 150°C.

18. (Currently Amended) A method according to claim 13 wherein heating a portion of a hair comprises heating by contacting the portion with an the elongate wire is heated to a temperature higher than 250°C.

19. (Currently Amended) A method according to claim 13 wherein heating a portion of a hair comprises heating by contacting the portion with an the elongate wire is heated to a temperature higher than 350°C.

20. (Currently Amended) A method according to claim 13 wherein heating a portion of a hair comprises heating by contacting the portion with an the elongate wire is heated to a temperature higher than 500°C.

21. (Currently Amended) A method according to claim 13 wherein heating a portion of a hair comprises heating by contacting the portion with an the elongate wire is heated to a temperature higher than 700°C.

22. (Currently Amended) A method according to claim 13 and including juxtaposing the elongate wire and the blade in a generally parallel configuration.

23. (Currently Amended) A method according to claim 22 wherein the method includes first moving the heated elongate wire and then the blade across the skin.

24. (Currently Amended) A method according to claim 23 wherein at least some of the hair growing from the skin is not cut by the elongate wire as it passes across the skin.

25. (Currently Amended) A method according to claim 23 wherein heating a portion of a hair comprises heating by contacting the portion with an the elongate wire is not hot enough to cut the hair.

26. (Currently Amended) A hair cutting head according to claim 2, wherein said elongate wire has a diameter between 10 to 1000 micrometers.

27. (Currently Amended) A hair cutting head according to claim 3, wherein said elongate wire has a diameter between 10 to 1000 micrometers.

28. (Currently Amended) A hair cutting head according to claim 2, wherein said elongate wire is heated when said cutting head comes in contact with a skin surface.

29. (Currently Amended) A hair cutting head according to claim 3, wherein said elongate wire is heated when said cutting head comes in contact with a skin surface.